33,415.÷
31.=
1,077.9032258\*

1,077.9032258\*
10.%
107.79032258\*
107.79032258+
1,185.69354838\*

HIMENT

NAME:	CITY OF CLIFTON	10 100 1 200 1000 1 2 1
MAILING ADDRESS:	900 CLIFTON AVENUE, CLIFTON, NJ 07013	INDUSTRUAL DEF
EACH ITY LOCATION:	DEDARTMENT OF DURING WORKS VARD - E.7	TH STREET

CATEGORY & SUBPART: OUTLET#:

CONTACT OFFICIAL:\_ JAMES YELLEN, P.E. TELTPHONE: 973-470-5793

NEW CUSTOMER ID / OUTLET ID: \_\_\_\_ OLD OUTLET DESIGNATION:

MONITORING PERIOD Start 5 2008 2008 MO DAY YR MO DAY

Average Maximum Regulated Flow-gal/day Total Flow-gal/day

Method Used: TOTALIZING TYPE FLOW METER

1078 gal/day Average= 33,415 31 Working Days gallons in

Production Rate (if applicable)

PA	RAMETER		MASS OF	R CONCEN	# OF	SAMPLE TYPE		
				MAXIMUM	UNITS	SAMPLES	COMP/GRAB	
	Cadmium	Sample Measurement	<b>_</b> 0.004	0.004	mg/l	1	COMP	
	Caumum	Permit Requirement	0.19		mg/l		COIVIF	
	Connor	Sample Measurement	0.006	0.006	mg/l	1	COMP	
	Copper	Permit Requirement	3.02		mg/l		COIVIF	
	Load	Sample Measurement	<b>4</b> 0.005	0.005	mg/l	1	COMP	
	Lead	Permit Requirement	0.54		mg/l		COIVIF	
	Morount	Sample Measurement	∠0.0002	0.0002	mg/l	1	COMP	
Mercury		Permit Requirement	0.08		mg/l		COIVIF	
	Nickel	Sample Measurement	0.0291	0.029	mg/l	1	COMP	
	Mickel	Permit Requirement	5.9		mg/l		COIVIE	
	Zinc	Sample Measurement	0.0129	0.013	mg/l	1	COMP	
	ZIIIC	Permit Requirement	1.67		mg/l		COIVIE	
	PHC	Sample Measurement	<b>&lt;</b> 5.000	5.000	mg/l	1	GRAB	
	PHC	Permit Requirement	100		mg/l		GRAD	
	VOC	Sample Measurement	0.037	0.037	mg/l	1	GRAB	
	VOC	Permit Requirement	2.13		mg/l		OI VAD	
	BOD	Sample Measurement	<b>4</b> 2.10	2.10	mg/l	1	COMP	
	БОБ	Permit Requirement	0		mg/l		COIVIE	
		Sample Measurement						
		Rermit Requirement	045670	/			12	
		Sample Measurement	13 0	20	1218	1000		
		Permit Requirement	140	910/13	101011	-205/		
		Sample Measurement	Per	2137	Dr.	100		
		Permit Requirement	7 11/2 VI	31	' his	100	\	
		Sample Measurement	N. 20	# # 1	21/	00	3	
		Permit Requirement	TO SOL	71.0	AP.	A TOTAL	5	
		Sample Measurement		4 7	11. 12	Will Day		
		Permit Requirement	)	8	)	A LINE AND A STATE OF THE PARTY	1	
		Sample Measurement	5527717	10	0_			
		Permit Requirement	200010		JABB	1000	XX	

				JUN 2 7 2008
	PRETREATM	ENT MONITORING R	REPORT	
Certification of Non-Us	e if applicable (use a	dditional sheets):	NA	INDUSTRIAL BERNE
Compliance or non cor necessary) for every pa metals	-	rith compliance schedu The city of Clifton is	•	-
	TPHC were preserve	ed with HCL and chilled		
Metal samp	oles were preserved v	vith HNO <sub>3</sub> to a pH of ‹2	2.0.	
or supervision in accor and evaluate the inform the system, or those po- submitted is, to the best there are significant pe- imprisonment for know	nation submitted. Ba ersons directly respor st of my knowledge a enalties for submitting	sed on my inquiry of the sible for gathering the nd belief, true, accurate	ne the person on the information, the and complete	or persons who manage ne information e. I am aware that
403.6(a)(2)	Sig	40610, October 17, 19  gnature of Principal ive or Authorized Ager		
		Spiros Zois Hydrogeologist	***************************************	<u>.</u>
•	Ту	pe Name and Title		
		6/25/2008		<b>-</b>

Date

PVSC FORM MR-1 REV: 5 3/91 P2



# Analytical Report



LEGGETTE, BRASHEARS, & GRAHAM

6 ARROW ROAD SUITE 103 RAMSEY, NJ 07446 Regarding:

SPIROS ZOIS LEGGETTE, BRASHEARS, & GRAHAM 6 ARROW ROAD SUITE 103 RAMSEY, NJ 07446

Account No: 001225, Project No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ RAMSEY NJ LEGGETTE, BRASHEARS & GRAHAM

P.O. No: PWSID No:

Inv. No: 976149

Sample Number L2619318-1	Sample Description CLIFTON DPW EFFLU Received Temp:	JENT GRAB		Samp. Date/Time/Temp 05/30/08 03:30pm NA F	Sampled by Customer Sampled
Parameter CHLOROMETHANE VINYL CHLORID BROMOMETHANE CHLOROETHANE TRICHLOROFLUO 1,1-DICHLOROE ACROLEIN ACRYLONITRILE METHYLENE CHL TRANS-1,2-DIC 1,1-DICHLOROE CARBON TETRAC CIS-1,2-DICHL	DE DE COMETHANE OFFICE OF THE NE OFFICE OFFI	Method EPA 624 EPA 624	Result ND ug/1	RLs 0.620 ug/l 0.650 ug/l 1.14 ug/l 1.09 ug/l 0.980 ug/l 0.750 ug/l 2.11 ug/l 1.80 ug/l 0.690 ug/l 0.450 ug/l 0.480 ug/l 0.720 ug/l 0.480 ug/l	Test Date, Time, Analyst 06/03/08 06:29PM MPL

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.
Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.

Page 1 of 4

Serial Number: 972826

### **QC** Laboratories

### **Analytical Report**



Account No: 001225, LEGGETTE, Project No: 001225, LEGGETTE,	BRASHEARS & GRAHAM RA BRASHEARS & GRAHAM RA	AMSEY NJ AMSEY NJ	P.O. No: PWSID No:	Inv. No: 976149
Sample Number Sample Descript L2619318-1 CLIFTON DPW EFF	ion LUENT GRAB		Samp. Date/Time/Temp 05/30/08 03:30pm NA F	Sampled by Customer Sampled
Parameter CHLOROFORM 1,1,1-TRICHLOROETHANE BENZENE 1,2-DICHLOROETHANE TRICHLOROETHENE 1,2-DICHLOROPROPANE BROMODICHLOROMETHANE TOLUENE TRANS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE 1,1,2-TRICHLOROETHANE 2-CHLOROETHYL VINYL ETHER DIBROMOCHLOROMETHANE 1,2-DIBROMOETHANE 1,2-DIBROMOETHANE 1,2-DIBROMOETHANE TETRACHLOROETHENE CHLOROBENZENE ETHYL BENZENE M&P XYLENES 0-XYLENE BROMOFORM ISOPROPYLBENZENE 1,1,2,2-TETRACHLOROETHANE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,2-DICHLOROBENZENE	Method EPA 624	Result  ND ug/l  ND ug/l  5.17 ug/l  1.08 ug/l  1.08 ug/l  ND ug/l	RLs 0.560 ug/l 0.520 ug/l 0.610 ug/l 0.490 ug/l 0.600 ug/l 0.520 ug/l 0.520 ug/l 0.520 ug/l 0.540 ug/l 0.510 ug/l 0.450 ug/l 0.370 ug/l 0.460 ug/l 0.530 ug/l 0.530 ug/l 0.530 ug/l 0.530 ug/l 0.530 ug/l 0.670 ug/l 0.530 ug/l 0.670 ug/l 0.530 ug/l	Test Date, Time, Analyst 06/03/08 06:29PM MPL 06/03

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 896/20001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.
Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.

Page 2 of 4

Serial Number: 972826

## **QC** Laboratories

### **Analytical Report**



LEGGETTE, BRASHEARS & GRAHAM LEGGETTE, BRASHEARS & GRAHAM Account No: 001225, Project No: 001225, RAMSEY N.I

P.O. No: PWSID No:

Inv. No: 976149

1. QUALIFIERS: "B"is when the compound is found in the blank as well as in the sample; "J"indicates a value that is > than the MDL but < than the lowest standard, it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range; "N" presumptive evidence of a compound; "D" is when a dilution

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.
Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.

Page 4 of 4

Serial Number: 972826

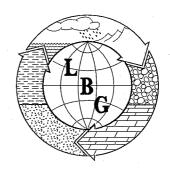
Thomas J. Hines, President

PVSC41 - 00000100

### LETTER OF TRANSMITTAL

### LEGGETTE, BRASHEARS & GRAHAM, INC.

6 ARROW ROAD, SUITE 103 RAMSEY, NJ 07446 PHONE (201) 818-0700 FAX (201) 818-0505 www.lbgweb.com



### **SENT VIA REGULAR MAIL**

Vis. Angela D	Dees	·	DATE: June 25, 2008
PVSC Indust	rial Departme	ent	JOB CODE: 0806.DPWOM6/FH6OM6
600 Wilson A	venue		RE: Clifton Firehouse #6 and Clifton DPW Sites
Newark, NJ (	7105		
E ARE SEN			
COPIES	DATE	NO.	DESCRIPTION
1	6/25/08		Fax Transmittal w/Clifton MR-1 and MR-2 Reports
IESE ARE T	RANSMITTI	E <b>D</b> as checke	ed below:
		For approva	For review and comment
	X	For your use	Returned for Corrections
		As requeste	Returned w/Chānges
REMARKS:			
	<u> </u>		
COPY TO:	LBG-File		SIGNED: Spiros Zois

 $\verb|\Lbg02|projects|| Clifton O\&M\DMR's\FH6andDPW\_MR LOT.wpd|$ 

### **OC** Laboratories

### **Analytical Report**



Account No: 001225, LEGGETTE, BRASHEARS & GRAHAM Project No: 001225, LEGGETTE, BRASHEARS & GRAHAM	RAMSEY NJ RAMSEY NJ	P.O. No: PWSID No:	Inv. No: 976149
Sample Number Sample Description L2619318-1 CLIFTON DPW EFFLUENT GRAB		Samp. Date/Time/Temp 05/30/08 03:30pm NA F	Sampled by Customer Sampled
Parameter Method HEXANE EXTRSGT (NON POLAR 1664ASGT@PHC 0+G)	Result ND mg/l	RLs 5.00 mg/l	Test Date, Time, Analyst 06/05/08 08:15PM JEW
Sample Number L2619318-2 Sample Description DPW EFFLUENT COMPOSITE Received Temp: 37 F Iced (Y/N):	γ	Samp. Date/Time/Temp 05/30/08 03:30pm NA F	Sampled by Customer Sampled
Parameter         Method           CADMIUM         EPA 600 Method 2           COPPER         EPA 600 Method 2           NICKEL         EPA 600 Method 2           LEAD         EPA 600 Method 2           ZINC         EPA 600 Method 2           MERCURY         EPA 600 Method 2           BIOCHEMICAL OXYGEN DEMAND         SM 5210B	00.7 0.00600 mg/1 00.7 0.0291 mg/1 00.7 ND mg/1 00.7 0.0129 mg/1	RLs 0.00400 mg/l 0.00300 mg/l 0.0100 mg/l 0.00500 mg/l 0.00500 mg/l 0.000200 mg/l 2.10 mg/l	Test Date, Time, Analyst 06/05/08 08:45AM B B 06/02/08 09:26PM CMC 05/31/08 11:38AM LS

L2619318-1:

1. @1664 SGT/PHC=non-polar materials of petroleum orgin >C12.

#### L2619318-1:

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory

- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLS=laboratory reporting limits, L/A-laboratory accident; TNTC=too numerous to count

- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.

- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.

- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.

- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.

- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ PA034,FL E87953,KS E10373,SC 89020001.

PAU34, LL E8/953, SC 89020001.

- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334; RUTHERFORD NJ02015; Vineland NJ06005; Reading PA 06-03543.

- All samples are collected as "grab" samples unless otherwise identified.

- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.

Page 3 of 4

Serial Number: 972826

Thomas J. Hines, President

	No: ( 2 61 931 8 MATRIX CODES	的表现,更有解析的,是我们的,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	你我的女子在我们是一点的人,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	等的 化分子 化二甲基酚 化二甲基酚 化二甲基酚 医二甲基酚 化二甲基酚 化甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		2000年7月10日,对于1000年7月11日,1000年7月1日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月1日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月11日,1000年7月1日,1000年7月11日,	Same state of the same state o	化水子分类 的复数人名英格兰 医甲状腺 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		ANALYSIS BEOLIESTED DO Co. S. Cond etc.			10 (1) (10) (10) (2V)	EbO	AL PA		TO OT	RV CIRTO IIID			Field Parameters Analyzed By:	Sig: Date/Time:	E AND WILITABY TIME (24 HOUR C) OCK 15 GAM IS 0000 4 DWG 17 AND	DELIVERY METHOD: LI QC COURIER CLIENT Custody Seat Number	ENTS:			Hazardous: yes/no 77 C / 7 / 5 + / 7 0 /	
	OF CUSTODY Lab LIMS	Bill to/Report to: (if different) 中央社会 (if different) 中央社会 (if different)	在 · · · · · · · · · · · · · · · · · · ·	会議会の報告 会議会の報告 Sampling Site Address: (if different) 会会の表現を表現を表現しています。 会会の表現を表現しています。 会会の表現である。	Cliffor DPW company of grade and an	在 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P.O. No.	QC Contact 今 在中央	Number of Containers	Date Military Time   B   P   Code Total   S   C   N   B   Les + B   C   C   C   D   C   C   C   C   C   C	1 2 7	7537									Standard   Fon	nardcopy due:  / / / / / / / / / / / / / / / / / / /	LEGAL SIGNATURE DAT	Soft	RECEIVED PATT O TO DATE TIME	D 13 PECHAED BY 1 PATE TIME	RECEIVED BY DATE TIME	m .	
•	© OCLaboratories	1205 Industrial Blvd. Phone: 215-355-3900 Southampton, PA 18966-0514 Fax: 215-355-7231	Client/Acct. No. LAS C	Address (, Amer. Rd	572 203	City/State/Zip 16 morey NS 1744	Phone/Fax	Client Contact Spiror 2013	PROJECT	FIELD (D	Dow Extrat	Des Carlina		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		· · · · · · · · · · · · · · · · · · ·			产品供收	· · · · · · · · · · · · · · · · · · ·	(Company)	C 5 6— Please call for prioring and area	CHAN	RELINDUMHED BYSAMPLER DATE 11ME 575	5/30	402 8520	MELINGUISHED BY DATE TIME	RELINQUISHED BY DATE TIME 5	